K 6

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EEEEEEEEEEEEEEE  RRRRRRRRRRRR    FFFFFFFFFFFFFFF
EEEEEEEEEEEEEEE  RRRRRRRRRRRR    FFFFFFFFFFFFFFF
EEEEEEEEEEEEEEE  RRRRRRRRRRRR    FFFFFFFFFFFFFFF
EEE              RRR        RRR  FFF
EEE              RRR        RRR  FFF
EEE              RRR        RRR  FFF
EEE              RRR        RRR  FFF
EEE              RRR        RRR  FFF
EEE              RRR        RRR  FFF
EEEEEEEEEEEE     RRRRRRRRRRRR    FFFFFFFFFFFF
EEEEEEEEEEEE     RRRRRRRRRRRR    FFFFFFFFFFFF
EEEEEEEEEEEE     RRRRRRRRRRRR    FFFFFFFFFFFF
EEE              RRR   RRR       FFF
EEE              RRR   RRR       FFF
EEE              RRR   RRR       FFF
EEE              RRR      RRR    FFF
EEE              RRR      RRR    FFF
EEE              RRR      RRR    FFF
EEEEEEEEEEEEEEE  RRR        RRR  FFF
EEEEEEEEEEEEEEE  RRR        RRR  FFF
EEEEEEEEEEEEEEE  RRR        RRR  FFF
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FILEID**FILES

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FFFFFFFFFF   IIIIII  LL        EEEEEEEEEE    SSSSSSSS
FFFFFFFFFF   IIIIII  LL        EEEEEEEEEE    SSSSSSSS
FF             II    LL        EE          SS
FF             II    LL        EE          SS
FF             II    LL        EE          SS
FF             II    LL        EE          SS
FFFFFFFF       II    LL        EEEEEEEE      SSSSSS
FFFFFFFF       II    LL        EEEEEEEE      SSSSSS
FF             II    LL        EE                  SS
FF             II    LL        EE                  SS
FF             II    LL        EE                  SS     ....
FF             II    LL        EE                  SS     ....
FF           IIIIII  LLLLLLLLLL EEEEEEEEEE SSSSSSSS       ....
FF           IIIIII  LLLLLLLLLL EEEEEEEEEE SSSSSSSS       ....

LL           IIIIII    SSSSSSSS
LL           IIIIII    SSSSSSSS
LL             II    SS
LL             II    SS
LL             II    SS
LL             II    SS
LL             II      SSSSSS
LL             II      SSSSSS
LL             II            SS
LL             II            SS
LL             II            SS
LL             II            SS
LLLLLLLLLL   IIIIII  SSSSSSSS
LLLLLLLLLL   IIIIII  SSSSSSSS
```

```
0 MODULE
0 FILES (IDENT = 'V04-000') =
1 BEGIN
1
1 !
1 !****************************************************************************
1 !*                                                                          *
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1 !*  CORPORATION.                                                            *
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1 !*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.                 *
1 !*                                                                          *
1 !*                                                                          *
1 !****************************************************************************
1
1 !++
1 ! FACILITY:  ACC, Account file dumper
1 !
1 ! ABSTRACT:
1 !
1 !       This module contains the file manipulation code for
1 !       the accounting utilities.
1 !
1 ! ENVIRONMENT:
1 !
1 !       VAX/VMS operating system. unprivileged user mode,
1 !
1 ! AUTHOR:  Elliott A. Drayton, June 1983
1 !
1 ! Modified by:
1 !
1 !       V04-008 EAD0196         Elliott A. Drayton               23-Jul-1984
1 !               Made OUTPUT_NAM hold the address of the name block.
1 !
1 !       V04-007 EAD0187         Elliott A. Drayton                6-Jul-1984
1 !               Removed LSTLUN.
1 !
1 !       V04-006 EAD0161         Elliott A. Drayton               20-Apr-1984
1 !               Removed related name for INPUT_NAM.
1 !
1 !       V04-005 EAD0132         Elliott A. Drayton                9-Apr-1984
1 !               Added routine WRITE_MSG.
1 !
1 !       V04-004 EAD0030         Elliott A. Drayton               23-Aug-1983
```

```
;   58          0058  1 !                         Removed code to set up FORMS.
;   59          0059  1 !
;   60          0060  1 !
;   61          0061  1 !--
;   62          0062  1
;   63          0063  1 !-----------------------------------------------------------------------+
;   64          0064  1 !                                                                       !
;   65          0065  1 !                              INCLUDE  FILES                           !
;   66          0066  1 !                                                                       !
;   67          0067  1 !-----------------------------------------------------------------------+
;   68          0068  1
;   69          0069  1 REQUIRE 'SRC$:ERFDEF.REQ';              ! Common ERF definitions
;   70          0355  1 REQUIRE 'SRC$:RECSELDEF.REQ';           ! Defines syecom and emb fields.
```

```
1 !-----------------------------------------------------------------------+
1 !                                                                       !
1 !                          TABLE  OF  CONTENTS                          !
1 !                                                                       !
1 !-----------------------------------------------------------------------+
1 EXTERNAL ROUTINE
1         LOG_FILENAME,
1         OPEN_OUT_FILE,            ! Fortran routine need to do I/O from DEVICE MOD
1         PARSE_OUTPUT_FILES,
1         WRITE_MSG;
1
1 !-----------------------------------------------------------------------+
1 !                                                                       !
1 !                    GENERAL  STORAGE  DEFINITIONS                      !
1 !                                                                       !
1 !-----------------------------------------------------------------------+
1
1 EXTERNAL
1    LSTLUN_RAB_ADDRESS:            REF $BBLOCK [],
1    SYS$OUTPUT_RAB_ADDRESS:        REF $BBLOCK [];
1
1 OWN
1
1 DATEXT: INITIAL ('.DAT'),                    ! ".DAT" extension
1 LISEXT: INITIAL ('.LIS'),                    ! ".LIS" extension
1
1 INPUT_NAM_RESULT:                            ! Resultant input name
1         VECTOR [NAM$C_MAXRSS,BYTE],          !  -allocate storage
1
1 INPUT_NAM_EXPANDED:                          ! Expanded input name
1         VECTOR [NAM$C_MAXRSS,BYTE],          !  -allocate storage
1
1 RELATED_NAM_RESULT:                          ! Resultant related name
1         VECTOR [NAM$C_MAXRSS,BYTE],          !  -allocate storage
1
1 OUTPUT_NAM_RESULT:                           ! Resultant output name
1         VECTOR [NAM$C_MAXRSS,BYTE],          !  -allocate storage
1
1 OUTPUT_NAM_EXPANDED:                         ! Expanded output name
1         VECTOR [NAM$C_MAXRSS,BYTE],          !  -allocate storage
1
1 REJECTED_NAM_RESULT:                         ! Resultant rejected name
1         VECTOR [NAM$C_MAXRSS,BYTE],          !  -allocate storage
1
1 REJECTED_NAM_EXPANDED:                       ! Expanded rejected name
1         VECTOR [NAM$C_MAXRSS,BYTE];          !  -allocate storage
1
```

```
;  120        0533  1 GLOBAL
;  121        0534  1
;  122      P 0535  1 RELATED_NAM:    $NAM(                       ! Related NAM block
;  123      P 0536  1         RSA = RELATED_NAM_RESULT,           !  -file name address after opening
;  124        0537  1         RSS = NAM$C_MAXRSS),                !  -(buffer size)
;  125        0538  1
;  126      P 0539  1 INPUT_NAM:      $NAM(                       ! Input NAM block
;  127      P 0540  1         ESA = INPUT_NAM_EXPANDED,           !  -file name address after parsing
;  128      P 0541  1         ESS = NAM$C_MAXRSS,                 !  -(buffer size)
;  129      P 0542  1         RSA = INPUT_NAM_RESULT,             !  -file name address after opening
;  130        0543  1         RSS = NAM$C_MAXRSS),                !  -(buffer size)
;  131        0544  1
;  132      P 0545  1 OUTPUT_NAM_BLK: $NAM(                       ! Output NAM block
;  133      P 0546  1         RLF = INPUT_NAM,                    !  -get further defaults from input
;  134      P 0547  1         ESA = OUTPUT_NAM_EXPANDED,          !  -file name address after parsing
;  135      P 0548  1         ESS = NAM$C_MAXRSS,                 !  -(buffer size)
;  136      P 0549  1         RSA = OUTPUT_NAM_RESULT,            !  -file name address after open
;  137        0550  1         RSS = NAM$C_MAXRSS),                !  -(buffer size)
;  138        0551  1
;  139      P 0552  1 REJECTED_NAM:   $NAM(                       ! Rejected NAM block
;  140      P 0553  1         RLF = INPUT_NAM,                    !  -related file name
;  141      P 0554  1         ESA = REJECTED_NAM_EXPANDED,        !  -file name address after parsing
;  142      P 0555  1         ESS = NAM$C_MAXRSS,                 !  -(buffer size)
;  143      P 0556  1         RSA = REJECTED_NAM_RESULT,          !  -file name address after open
;  144        0557  1         RSS = NAM$C_MAXRSS),                !  -(buffer size)
;  145        0558  1
;  146        0559  1 INPUT_XABFHC:   $XABFHC(),                  ! Input FHC XAB block
;  147        0560  1
;  148      P 0561  1 INPUT_FAB:      $FAB(                       ! Input FAB block
;  149      P 0562  1         XAB = INPUT_XABFHC,                 !  -address of FHC XAB block
;  150      P 0563  1         FOP = (SQO),                        !  -sequential operations only
;  151      P 0564  1         SHR = (PUT,UPI),                    !  -allow un-interlocked, sharing
;  152      P 0565  1         NAM = INPUT_NAM,                    !  -address of NAM block
;  153      P 0566  1         DNM = 'ERRLOG.SYS',                 !  -default name
;  154        0567  1         FAC = GET),                         !  -open for input
;  155        0568  1
;  156      P 0569  1 INPUT_RAB:      $RAB(                       ! Input RAB block
;  157      P 0570  1         USZ = 512,                          !  -(buffer size)
;  158      P 0571  1         MBC = 16,                           !  -multi-block count
;  159      P 0572  1         MBF = 2,                            !  -multi-buffer count
;  160      P 0573  1         ROP = (RAH),                        !  -read-ahead processing
;  161      P 0574  1         CTX = MSG$_READERR,                 !  -error message value
;  162        0575  1         FAB = INPUT_FAB),                   !  -address of FAB to be CONNECTed
;  163        0576  1
;  164      P 0577  1 OUTPUT_FAB:     $FAB(                       ! Output FAB block
;  165      P 0578  1         CTX = MSG$_OPENOUT,                 !  -error message value
;  166      P 0579  1         FOP = (OFP, SQO),                   !  -output file parse, sequential only
;  167      P 0580  1         NAM = OUTPUT_NAM_BLK,               !  -address of NAM block
;  168      P 0581  1         DNS = 4,                            !  -default extension size
;  169        0582  1         DNA = DATEXT),                      !  -default extension address
;  170        0583  1
;  171      P 0584  1 OUTPUT_RAB: $RAB(                           ! Output RAB block
;  172      P 0585  1         CTX = MSG$_WRITEERR,                !  -specify error message
;  173        0586  1         FAB = output_fab),                  !  -address of FAB block
;  174        0587  1
;  175      P 0588  1 REJECTED_FAB:   $FAB(                       ! Rejected FAB block
;  176      P 0589  1         DNM = '.REJ',                       !  -default extension
;  177        P 0590  1              CTX = MSG$_OPENOUT,             !  -error message value
;  178        P 0591  1              FOP = (OFP, SQO),               !  -output file parse, sequential only
;  179          0592  1              NAM = REJECTED_NAM),            !  -address of NAM block
;  180          0593  1
;  181        P 0594  1 REJECTED_RAB: $RAB(                          ! Rejected RAB block
;  182        P 0595  1              CTX = MSG$_WRITEERR,            !  -specify error message
;  183        P 0596  1              MBC = 16,                       !  -multi-block count
;  184        P 0597  1              MBF = 2,                        !  -multi-buffer count
;  185        P 0598  1              ROP = (WBH),                    !  -write behind processing
;  186          0599  1              FAB = REJECTED_FAB),            !  -address of FAB block
;  187          0600  1
;  188          0601  1 OUTPUT_NAM:      LONG INITIAL (OUTPUT_NAM_BLK);
```

```
1 UNDECLARE LOG_FILENAME;
1
1 Global routine LOG_FILENAME (rms) =
1
1 !----
1 !
1 ! Functional description
1 !
1 !       This routine is called to signal a message to
1 !       the user based on an error code and file name
1 !       that are imbedded in the passed parameter.
1 !
1 ! Input parameters
1 !
1 !       RMS = Either a FAB or a RAB
1 !       RAB$L_FAB = pointer to fab block         (If input was a RAB)
1 !       FAB$L_NAM = pointer to name block
1 !       RAB$L_CTX = error message to be used     (If input was a RAB)
1 !       FAB$L_CTX = error message to be used     (If input was a FAB)
1 !
1 !
1 ! Output parameters
1 !
1 !       Expanded error messages to user
1 !       Status is RETURNed
1 !
1 !----
1
2 BEGIN
2
2 MAP
2    rms:  ref $bblock;                               ! Define block format
2
2
2 LOCAL
2       fab: ref $bblock,                       ! Pointer to FAB block
2       nam: ref $bblock,                       ! Pointer to NAM block
2       rms_sts,                                ! Temporary primary status holder
2       rms_stv,                                ! Temporary secondary status holder
2       rms_ctx,                                ! Temporary user context holder
2       status: $bblock [long],                 ! Local "catch all" status return
2       desc:   vector [2, long];               ! Temporary string descriptor
2
2
2 !
2 !SET UP VALUES --
2 !     Fetch the primary and secondary status values and the user
2 !     context field from the RMS structure.  If a RAB was passed
2 !     then fetch the address of the associated FAB.
2 !
2
2 If .rms [rab$b_bid] eql rab$c_bid then  ! If this is a rab
3       BEGIN
3       fab = .rms [rab$l_fab];
3       rms_sts = .rms [rab$l_sts];
3       rms_stv = .rms [rab$l_stv];
3       rms_ctx = .rms [rab$l_ctx];
```

```
3                END
3       else BEGIN
3                fab = .rms;
3                rms_sts = .rms [fab$l_sts];
3                rms_stv = .rms [fab$l_stv];
3                rms_ctx = .rms [fab$l_ctx];
3                END;
2
2  nam = .fab [fab$l_nam];                       ! Fetch address of NAM block
2
2
2
2  !
2  !CHECK FOR EOF --
2  !        End of file errors are not reported by this routine.
2  !
2  If   .rms [rab$b_bid] eql rab$c_bid         ! If this is a rab
2  and .rms_sts eql rms$_eof                    !  - and error is end of file
2  and .rms_ctx eql msg$_readerr                !  - and this was a read call
2       then return rms$_eof;                    ! don't bother to report it
2
2
2
2  !
2  !FETCH FILE NAME --
2  !        Find the best filename available.  Start with the
2  !        resultant name; if not present try for the expanded
2  !        name; if also missing then settle for the original
2  !        file name.
2  !
2
2  If .nam[nam$b_rsl] neq 0 then                ! If result string nonblank,
3       BEGIN
3       desc[0] = .nam[nam$b_rsl];               ! then display it
3       desc[1] = .nam[nam$l_rsa];
3       END
3
2  else if .nam[nam$b_esl] neq 0 then           ! Or if expanded name nonblank
3       BEGIN
3       desc[0] = .nam[nam$b_esl];               ! then display it
3       desc[1] = .nam[nam$l_esa];
3       END
3
3  else BEGIN
3       desc[0] = .fab[fab$b_fns];               ! Otherwise, use original
3       desc[1] = .fab[fab$l_fna];               ! name string in FAB
2       END;
2
2
2
2  !
2  !NOTIFY THE USER --
2  !        Construct an error message using the user supplied context (CTX)
2  !        field and the RMS supplied primary (STS) and secondary (STV)
2  !        status fields.  Signal it to the user.
2  !
```

```
;     304           0716  2
;     305           0717  2  signal (.rms_ctx, 1 ,desc,                ! Output an error message
;     306           0718  2                   .rms_sts,                ! with RMS error code
;     307           0719  2                   .rms_stv);               ! and secondary code
;     308           0720  2
;     309           0721  2
;     310           0722  2  return .rms_sts;                          ! Pass on the status
;     311           0723  2
;     312           0724  1  END;


                                                        .TITLE  FILES
                                                        .IDENT  \V04-000\

                                                        .PSECT  $PLIT,NOWRT,NOEXE,  PIC,2

          53  59  53  2E  47  4F  4C  52  52  45  00000 P.AAA:  .ASCII  \ERRLOG.SYS\                               ;
                                  4A  45  52  2E  0000A P.AAB:  .ASCII  \.REJ\                                     ;

                                                        .PSECT  $OWN$,NOEXE,  PIC,2

                                  54  41  44  2E  00000 DATEXT: .ASCII  \.DAT\                                     ;
                                  53  49  4C  2E  00004 LISEXT: .ASCII  \.LIS\                                     ;
                                                  00008 INPUT_NAM_RESULT:
                                                        .BLKB   255
                                                  00107 .BLKB   1
                                                  00108 INPUT_NAM_EXPANDED:
                                                        .BLKB   255
                                                  00207 .BLKB   1
                                                  00208 RELATED_NAM_RESULT:
                                                        .BLKB   255
                                                  00307 .BLKB   1
                                                  00308 OUTPUT_NAM_RESULT:
                                                        .BLKB   255
                                                  00407 .BLKB   1
                                                  00408 OUTPUT_NAM_EXPANDED:
                                                        .BLKB   255
                                                  00507 .BLKB   1
                                                  00508 REJECTED_NAM_RESULT:
                                                        .BLKB   255
                                                  00607 .BLKB   1
                                                  00608 REJECTED_NAM_EXPANDED:
                                                        .BLKB   255

                                                        .PSECT  $GLOBAL$,NOEXE,  PIC,2

                                            02  00000 RELATED_NAM::
                                                        .BYTE   2                                          ;
                                            60  00001   .BYTE   96                                         ;
                                            FF  00002   .BYTE   -1                                         ;
                                            00  00003   .BYTE   0                                          ;
                                      00000000' 00004   .ADDRESS RELATED_NAM_RESULT                        ;
                                            00  00008   .BYTE   0                                          ;
                                            00  00009   .BYTE   0                                          ;
                                            00  0000A   .BYTE   0                                          ;
                                            00  0000B   .BYTE   0                                          ;
                                      00000000  0000C   .LONG   0                                          ;
```

```
00000000  00010            .LONG    0
   0000#  00014            .WORD    0[8]
   0000#  00024            .WORD    0[3]
   0000#  0002A            .WORD    0[3]
00000000  00030            .LONG    0
00000000  00034            .LONG    0
      00  00038            .BYTE    0
      00  00039            .BYTE    0
      00  0003A            .BYTE    0
      00  0003B            .BYTE    0
      00  0003C            .BYTE    0
      00  0003D            .BYTE    0
     00#  0003E            .BYTE    0[2]
00000000  00040            .LONG    0
00000000  00044            .LONG    0
00000000  00048            .LONG    0
00000000  0004C            .LONG    0
00000000  00050            .LONG    0
00000000  00054            .LONG    0
00000000# 00058            .LONG    0[2]
      02  00060 INPUT_NAM::
                           .BYTE    2
      60  00061            .BYTE    96
      FF  00062            .BYTE    -1
      00  00063            .BYTE    0
00000000' 00064            .ADDRESS INPUT_NAM_RESULT
      00  00068            .BYTE    0
      00  00069            .BYTE    0
      FF  0006A            .BYTE    -1
      00  0006B            .BYTE    0
00000000' 0006C            .ADDRESS INPUT_NAM_EXPANDED
00000000  00070            .LONG    0
   0000#  00074            .WORD    0[8]
   0000#  00084            .WORD    0[3]
   0000#  0008A            .WORD    0[3]
00000000  00090            .LONG    0
00000000  00094            .LONG    0
      00  00098            .BYTE    0
      00  00099            .BYTE    0
      00  0009A            .BYTE    0
      00  0009B            .BYTE    0
      00  0009C            .BYTE    0
      00  0009D            .BYTE    0
     00#  0009E            .BYTE    0[2]
00000000  000A0            .LONG    0
00000000  000A4            .LONG    0
00000000  000A8            .LONG    0
00000000  000AC            .LONG    0
00000000  000B0            .LONG    0
00000000  000B4            .LONG    0
00000000# 000B8            .LONG    0[2]
      02  000C0 OUTPUT_NAM_BLK::
                           .BYTE    2
      60  000C1            .BYTE    96
      FF  000C2            .BYTE    -1
      00  000C3            .BYTE    0
00000000' 000C4            .ADDRESS OUTPUT_NAM_RESULT
```

```
      00  000C8           .BYTE    0                                   ;
      00  000C9           .BYTE    0                                   ;
      FF  000CA           .BYTE    -1                                  ;
      00  000CB           .BYTE    0                                   ;
00000000' 000CC           .ADDRESS OUTPUT_NAM_EXPANDED                 ;
00000000' 000D0           .ADDRESS INPUT_NAM                           ;
    0000# 000D4           .WORD    0[8]                                ;
    0000# 000E4           .WORD    0[3]                                ;
    0000# 000EA           .WORD    0[3]                                ;
00000000  000F0           .LONG    0                                   ;
00000000  000F4           .LONG    0                                   ;
      00  000F8           .BYTE    0                                   ;
      00  000F9           .BYTE    0                                   ;
      00  000FA           .BYTE    0                                   ;
      00  000FB           .BYTE    0                                   ;
      00  000FC           .BYTE    0                                   ;
      00  000FD           .BYTE    0                                   ;
     00#  000FE           .BYTE    0[2]                                ;
00000000  00100           .LONG    0                                   ;
00000000  00104           .LONG    0                                   ;
00000000  00108           .LONG    0                                   ;
00000000  0010C           .LONG    0                                   ;
00000000  00110           .LONG    0                                   ;
00000000  00114           .LONG    0                                   ;
00000000# 00118           .LONG    0[2]                                ;
      02  00120 REJECTED_NAM::
                          .BYTE    2                                   ;
      60  00121           .BYTE    96                                  ;
      FF  00122           .BYTE    -1                                  ;
      00  00123           .BYTE    0                                   ;
00000000' 00124           .ADDRESS REJECTED_NAM_RESULT                 ;
      00  00128           .BYTE    0                                   ;
      00  00129           .BYTE    0                                   ;
      FF  0012A           .BYTE    -1                                  ;
      00  0012B           .BYTE    0                                   ;
00000000' 0012C           .ADDRESS REJECTED_NAM_EXPANDED               ;
00000000' 00130           .ADDRESS INPUT_NAM                           ;
    0000# 00134           .WORD    0[8]                                ;
    0000# 00144           .WORD    0[3]                                ;
    0000# 0014A           .WORD    0[3]                                ;
00000000  00150           .LONG    0                                   ;
00000000  00154           .LONG    0                                   ;
      00  00158           .BYTE    0                                   ;
      00  00159           .BYTE    0                                   ;
      00  0015A           .BYTE    0                                   ;
      00  0015B           .BYTE    0                                   ;
      00  0015C           .BYTE    0                                   ;
      00  0015D           .BYTE    0                                   ;
     00#  0015E           .BYTE    0[2]                                ;
00000000  00160           .LONG    0                                   ;
00000000  00164           .LONG    0                                   ;
00000000  00168           .LONG    0                                   ;
00000000  0016C           .LONG    0                                   ;
00000000  00170           .LONG    0                                   ;
00000000  00174           .LONG    0                                   ;
00000000# 00178           .LONG    0[2]                                ;
      1D  00180 INPUT_XABFHC::
```

```
FILES                                          D 8
V04-000                                   15-Sep-1984 23:48:35    VAX-11 Bliss-32 V4.0-742                  Page  11
                                          14-Sep-1984 12:27:27    DISK$VMSMASTER:[ERF.SRC]FILES.B32;1        (4)

                                                  .BYTE    29                                        ;
                    2C  00181                     .BYTE    44                                        ;
                  0000  00182                     .WORD    0                                         ;
              00000000  00184                     .LONG    0                                         ;
             00000000#  00188                     .LONG    0[9]                                      ;
                    03  001AC INPUT_FAB::
                                                  .BYTE    3                                         ;
                    50  001AD                     .BYTE    80                                        ;
                  0000  001AE                     .WORD    0                                         ;
              00000040  001B0                     .LONG    64                                        ;
              00000000  001B4                     .LONG    0                                         ;
              00000000  001B8                     .LONG    0                                         ;
              00000000  001BC                     .LONG    0                                         ;
                  0000  001C0                     .WORD    0                                         ;
                    02  001C2                     .BYTE    2                                         ;
                    41  001C3                     .BYTE    65                                        ;
              00000000  001C4                     .LONG    0                                         ;
                    00  001C8                     .BYTE    0                                         ;
                    00  001C9                     .BYTE    0                                         ;
                    00  001CA                     .BYTE    0                                         ;
                    02  001CB                     .BYTE    2                                         ;
              00000000  001CC                     .LONG    0                                         ;
             00000000'  001D0                     .ADDRESS INPUT_XABFHC                              ;
             00000000'  001D4                     .ADDRESS INPUT_NAM                                 ;
              00000000  001D8                     .LONG    0                                         ;
             00000000'  001DC                     .ADDRESS P.AAA                                     ;
                    00  001E0                     .BYTE    0                                         ;
                    0A  001E1                     .BYTE    10                                        ;
                  0000  001E2                     .WORD    0                                         ;
              00000000  001E4                     .LONG    0                                         ;
                  0000  001E8                     .WORD    0                                         ;
                    00  001EA                     .BYTE    0                                         ;
                    00  001EB                     .BYTE    0                                         ;
              00000000  001EC                     .LONG    0                                         ;
              00000000  001F0                     .LONG    0                                         ;
                  0000  001F4                     .WORD    0                                         ;
                    00  001F6                     .BYTE    0                                         ;
                    00  001F7                     .BYTE    0                                         ;
              00000000  001F8                     .LONG    0                                         ;
                    01  001FC INPUT_RAB::
                                                  .BYTE    1                                         ;
                    44  001FD                     .BYTE    68                                        ;
                  0000  001FE                     .WORD    0                                         ;
              00000200  00200                     .LONG    512                                       ;
              00000000  00204                     .LONG    0                                         ;
              00000000  00208                     .LONG    0                                         ;
                 0000#  0020C                     .WORD    0[3]                                      ;
                  0000  00212                     .WORD    0                                         ;
              000810B2  00214                     .LONG    528562                                    ;
                  0000  00218                     .WORD    0                                         ;
                    00  0021A                     .BYTE    0                                         ;
                    00  0021B                     .BYTE    0                                         ;
                  0200  0021C                     .WORD    512                                       ;
                  0000  0021E                     .WORD    0                                         ;
              00000000  00220                     .LONG    0                                         ;
              00000000  00224                     .LONG    0                                         ;
              00000000  00228                     .LONG    0                                         ;
```

```
GET
Sym

GET


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```

```
 00000000  0022C          .LONG    0                                              ;
       00  00230          .BYTE    0                                              ;
       00  00231          .BYTE    0                                              ;
       02  00232          .BYTE    2                                              ;
       10  00233          .BYTE    16                                             ;
 00000000  00234          .LONG    0                                              ;
00000000'  00238          .ADDRESS INPUT_FAB                                      ;
 00000000  0023C          .LONG    0                                              ;
       03  00240 OUTPUT_FAB::
                          .BYTE    3                                              ;
       50  00241          .BYTE    80                                             ;
     0000  00242          .WORD    0                                              ;
 20000040  00244          .LONG    536870976                                      ;
 00000000  00248          .LONG    0                                              ;
 00000000  0024C          .LONG    0                                              ;
 00000000  00250          .LONG    0                                              ;
     0000  00254          .WORD    0                                              ;
       02  00256          .BYTE    2                                              ;
       00  00257          .BYTE    0                                              ;
 000810A2  00258          .LONG    528546                                         ;
       00  0025C          .BYTE    0                                              ;
       00  0025D          .BYTE    0                                              ;
       00  0025E          .BYTE    0                                              ;
       02  0025F          .BYTE    2                                              ;
 00000000  00260          .LONG    0                                              ;
 00000000  00264          .LONG    0                                              ;
00000000'  00268          .ADDRESS OUTPUT_NAM_BLK                                 ;
 00000000  0026C          .LONG    0                                              ;
00000000'  00270          .ADDRESS DATEXT                                         ;
       00  00274          .BYTE    0                                              ;
       04  00275          .BYTE    4                                              ;
     0000  00276          .WORD    0                                              ;
 00000000  00278          .LONG    0                                              ;
     0000  0027C          .WORD    0                                              ;
       00  0027E          .BYTE    0                                              ;
       00  0027F          .BYTE    0                                              ;
 00000000  00280          .LONG    0                                              ;
 00000000  00284          .LONG    0                                              ;
     0000  00288          .WORD    0                                              ;
       00  0028A          .BYTE    0                                              ;
       00  0028B          .BYTE    0                                              ;
 00000000  0028C          .LONG    0                                              ;
       01  00290 OUTPUT_RAB::
                          .BYTE    1                                              ;
       44  00291          .BYTE    68                                             ;
     0000  00292          .WORD    0                                              ;
 00000000  00294          .LONG    0                                              ;
 00000000  00298          .LONG    0                                              ;
 00000000  0029C          .LONG    0                                              ;
    0000#  002A0          .WORD    0[3]                                           ;
     0000  002A6          .WORD    0                                              ;
 000810D2  002A8          .LONG    528594                                         ;
     0000  002AC          .WORD    0                                              ;
       00  002AE          .BYTE    0                                              ;
       00  002AF          .BYTE    0                                              ;
     0000  002B0          .WORD    0                                              ;
     0000  002B2          .WORD    0                                              ;
 00000000  002B4                 .LONG    0                                              ;
 00000000  002B8                 .LONG    0                                              ;
 00000000  002BC                 .LONG    0                                              ;
 00000000  002C0                 .LONG    0                                              ;
       00  002C4                 .BYTE    0                                              ;
       00  002C5                 .BYTE    0                                              ;
       00  002C6                 .BYTE    0                                              ;
       00  002C7                 .BYTE    0                                              ;
 00000000  002C8                 .LONG    0                                              ;
 00000000' 002CC                 .ADDRESS OUTPUT_FAB                                     ;
 00000000  002D0                 .LONG    0                                              ;
       03  002D4 REJECTED_FAB::
                                 .BYTE    3                                              ;
       50  002D5                 .BYTE    80                                             ;
     0000  002D6                 .WORD    0                                              ;
 20000040  002D8                 .LONG    536870976                                      ;
 00000000  002DC                 .LONG    0                                              ;
 00000000  002E0                 .LONG    0                                              ;
 00000000  002E4                 .LONG    0                                              ;
     0000  002E8                 .WORD    0                                              ;
       02  002EA                 .BYTE    2                                              ;
       00  002EB                 .BYTE    0                                              ;
 000810A2  002EC                 .LONG    528546                                         ;
       00  002F0                 .BYTE    0                                              ;
       00  002F1                 .BYTE    0                                              ;
       00  002F2                 .BYTE    0                                              ;
       02  002F3                 .BYTE    2                                              ;
 00000000  002F4                 .LONG    0                                              ;
 00000000  002F8                 .LONG    0                                              ;
 00000000' 002FC                 .ADDRESS REJECTED_NAM                                   ;
 00000000  00300                 .LONG    0                                              ;
 00000000' 00304                 .ADDRESS P.AAB                                          ;
       00  00308                 .BYTE    0                                              ;
       04  00309                 .BYTE    4                                              ;
     0000  0030A                 .WORD    0                                              ;
 00000000  0030C                 .LONG    0                                              ;
     0000  00310                 .WORD    0                                              ;
       00  00312                 .BYTE    0                                              ;
       00  00313                 .BYTE    0                                              ;
 00000000  00314                 .LONG    0                                              ;
 00000000  00318                 .LONG    0                                              ;
     0000  0031C                 .WORD    0                                              ;
       00  0031E                 .BYTE    0                                              ;
       00  0031F                 .BYTE    0                                              ;
 00000000  00320                 .LONG    0                                              ;
       01  00324 REJECTED_RAB::
                                 .BYTE    1                                              ;
       44  00325                 .BYTE    68                                             ;
     0000  00326                 .WORD    0                                              ;
 00000400  00328                 .LONG    1024                                           ;
 00000000  0032C                 .LONG    0                                              ;
 00000000  00330                 .LONG    0                                              ;
    0000#  00334                 .WORD    0[3]                                           ;
     0000  0033A                 .WORD    0                                              ;
 000810D2  0033C                 .LONG    528594                                         ;
     0000  00340                 .WORD    0                                              ;
       00  00342                 .BYTE    0                                              ;
```

```
                              00  00343           .BYTE    0                                            ;
                            0000  00344           .WORD    0                                            ;
                            0000  00346           .WORD    0                                            ;
                        00000000  00348           .LONG    0                                            ;
                        00000000  0034C           .LONG    0                                            ;
                        00000000  00350           .LONG    0                                            ;
                        00000000  00354           .LONG    0                                            ;
                              00  00358           .BYTE    0                                            ;
                              00  00359           .BYTE    0                                            ;
                              02  0035A           .BYTE    2                                            ;
                              10  0035B           .BYTE    16                                           ;
                        00000000  0035C           .LONG    0                                            ;
                        00000000' 00360           .ADDRESS REJECTED_FAB                                 ;
                        00000000  00364           .LONG    0                                            ;
                        00000000' 00368 OUTPUT_NAM::
                                                  .ADDRESS OUTPUT_NAM_BLK                               ;

                                                  .EXTRN   LOG_FILENAME, OPEN_OUT_FILE
                                                  .EXTRN   PARSE_OUTPUT_FILES
                                                  .EXTRN   WRITE_MSG, LSTLUN_RAB_ADDRESS
                                                  .EXTRN   SYS$OUTPUT_RAB_ADDRESS

                                                  .PSECT   $CODE,NOWRT,  PIC,2

                            003C  00000           .ENTRY   LOG_FILENAME, Save R2,R3,R4,R5               ; 0604
            5E              08 C2 00002           SUBL2    #8, SP                                       ;
            50       04  AC   D0  00005           MOVL     RMS, R0                                      ; 0653
                          52  D4  00009           CLRL     R2                                           ;
            01            60  91  0000B           CMPB     (R0), #1                                     ;
                          08  12  0000E           BNEQ     1$                                           ;
                          52  D6  00010           INCL     R2                                           ;
            51       3C  A0   D0  00012           MOVL     60(R0), FAB                                  ; 0655
                          03  11  00016           BRB      2$                                           ; 0656
            51            50  D0  00018 1$:       MOVL     R0, FAB                                      ; 0661
            53       08  A0   D0  0001B 2$:       MOVL     8(R0), RMS_STS                               ; 0662
            55       0C  A0   D0  0001F           MOVL     12(R0), RMS_STV                              ; 0663
            54       18  A0   D0  00023           MOVL     24(R0), RMS_CTX                              ; 0664
            50       28  A1   D0  00027           MOVL     40(FAB), NAM                                 ; 0667
            1A            52  E9  0002B           BLBC     R2, 3$                                       ; 0676
0001827A    8F            53  D1  0002E           CMPL     RMS_STS, #98938                              ; 0677
                          11  12  00035           BNEQ     3$                                           ;
000810B2    8F            54  D1  00037           CMPL     RMS_CTX, #528562                             ; 0678
                          08  12  0003E           BNEQ     3$                                           ;
            50 0001827A   8F  D0  00040           MOVL     #98938, R0                                   ; 0679
                              04  00047           RET                                                   ;
                     03  A0   95  00048 3$:       TSTB     3(NAM)                                       ; 0691
                          0B  13  0004B           BEQL     4$                                           ;
            6E       03  A0   9A  0004D           MOVZBL   3(NAM), DESC                                 ; 0693
     04     AE       04  A0   D0  00051           MOVL     4(NAM), DESC+4                               ; 0694
                          19  11  00056           BRB      6$                                           ; 0691
                     0B  A0   95  00058 4$:       TSTB     11(NAM)                                      ; 0697
                          0B  13  0005B           BEQL     5$                                           ;
            6E       0B  A0   9A  0005D           MOVZBL   11(NAM), DESC                                ; 0699
     04     AE       0C  A0   D0  00061           MOVL     12(NAM), DESC+4                              ; 0700
                          09  11  00066           BRB      6$                                           ; 0697
            6E       34  A1   9A  00068 5$:       MOVZBL   52(FAB), DESC                                ; 0704
     04     AE       2C  A1   D0  0006C           MOVL     44(FAB), DESC+4                              ; 0705
```

```
FILES                                          H  8
V04-000                                        15-Sep-1984 23:48:35    VAX-11 Bliss-32 V4.0-742                      Page  15
                                               14-Sep-1984 12:27:27    DISK$VMSMASTER:[ERF.SRC]FILES.B32;1            (4)

                                           28  BB 00071 6$:    PUSHR    #^M<R3,R5>                                  ; 0718
                               08          AE  9F 00073        PUSHAB   DESC                                        ; 0717
                                           01  DD 00076        PUSHL    #1                                          ;
                                           54  DD 00078        PUSHL    RMS_CTX                                     ;
                  00000000G  00            05  FB 0007A        CALLS    #5, LIB$SIGNAL                              ;
                             50            53  D0 00081        MOVL     RMS_STS, R0                                 ; 0722
                                               04 00084        RET                                                  ; 0724

; Routine Size:  133 bytes,    Routine Base:  $CODE + 0000
```

```
  1 UNDECLARE PARSE_OUTPUT_FILES;
  1
  1 GLOBAL ROUTINE PARSE_OUTPUT_FILES =
  1
  1 !----
  1 !
  1 ! Functional description
  1 !
  1 !       This routine is called to process output files.
  1 !       If the files are binary (/BINARY or /REJECTED)
  1 !       RMS is used, else fortran io is used.
  1 !
  1 ! Input parameters
  1 !
  1 !       None
  1 !
  1 ! Output parameters
  1 !
  1 !       Any errors encountered are RETURNed immediately.
  1 !       TRUE is returned on a normal exit.
  1 !
  1 !----
  1
  2 BEGIN
  2
  2 LOCAL
  2         desc:   vector [2, long];       ! Temporary string descriptor
  2
  2 OWN
  2         output_desc:    $bblock [dsc$k_d_bln]
  2                         preset([dsc$b_class] = dsc$k_class_d),
  2         rejected_desc:  $bblock [dsc$k_d_bln]
  2                         preset([dsc$b_class] = dsc$k_class_d);
  2
  2
  2
  2 !
  2 !PARSE COMMAND LINE OUTPUTS ---
  2 ! Parse the /OUTPUT, /BINARY and /REJECTED qualifiers.  Store any output
  2 ! file names obtained in the FAB for future processing.
  2 !
  2
  3 If GET_VALUE ( 'BINARY', output_desc )
  3
  3 then    BEGIN
  3         Output_fab [fab$b_fns] = .output_desc [dsc$w_length];
  3         Output_fab [fab$l_fna] = .output_desc [dsc$a_pointer];
  3
P 3         CALL_FUNCTION ($create (         ! Call RMS with
P 3                 fab = output_fab,        !  -address of FAB
  3                 err = log_filename));    !  -error action routine
  3
P 3         CALL_FUNCTION ($connect (        ! Call RMS with
P 3                 rab = output_rab,        !  -address of RAB
  3                 err = log_filename));    !  -error action routine
  3         END
  3
```

```
;          2 else
;          3         Begin
;          3         GET_VALUE ('OUTPUT', output_desc);
;          3
;          3         output_fab [fab$b_fns] = .output_desc [dsc$w_length];
;          3         output_fab [fab$l_fna] = .output_desc [dsc$a_pointer];
;          3
;          3         Open_out_file ( output_desc );
;          2         End ;
;          2
;          2
;          2 If GET_VALUE ('REJECTED', rejected_desc) then! /REJECTED value
;          3         BEGIN
;          3         rejected_fab [fab$b_fns] = .rejected_desc [dsc$w_length];
;          3         rejected_fab [fab$l_fna] = .rejected_desc [dsc$a_pointer];
;        P 3         CALL_FUNCTION ($create (          ! Call RMS with
;        P 3                 fab = rejected_fab,       !  -address of FAB
;          3                 err = log_filename));    !  -error action routine
;          3
;        P 3         CALL_FUNCTION ($connect (         ! Call RMS with
;        P 3                 rab = rejected_rab,       !  -address of RAB
;          3                 err = log_filename));    !  -error action routine
;          3         END;
;          2
;          2 RETURN TRUE;
;          1 END;


                                                            .PSECT  $PLIT,NOWRT,NOEXE,  PIC,2

                                           0000E            .BLKB   2
   00  00  59  52  41  4E  49  42          00010 P.AAD:    .ASCII  \BINARY\<0><0>                 ;
                               00000006    00018 P.AAC:    .LONG   6                              ;
                               00000000'   0001C           .ADDRESS P.AAD                         ;
   00  00  54  55  50  54  55  4F          00020 P.AAF:    .ASCII  \OUTPUT\<0><0>                 ;
                               00000006    00028 P.AAE:    .LONG   6                              ;
                               00000000'   0002C           .ADDRESS P.AAF                         ;
   44  45  54  43  45  4A  45  52          00030 P.AAH:    .ASCII  \REJECTED\                     ;
                               00000008    00038 P.AAG:    .LONG   8                              ;
                               00000000'   0003C           .ADDRESS P.AAH                         ;

                                                            .PSECT  $OWN$,NOEXE,  PIC,2

                                           00707            .BLKB   1
                                       00# 00708 OUTPUT_DESC:
                                                            .BYTE   0[3]                           ;
                                       02  0070B            .BYTE   2                              ;
                                           0070C            .BLKB   4
                                       00# 00710 REJECTED_DESC:
                                                            .BYTE   0[3]                           ;
                                       02  00713            .BYTE   2                              ;
                                           00714            .BLKB   4

                                                            .EXTRN  CLI$GET_VALUE, SYS$CREATE
                                                            .EXTRN  SYS$CONNECT
```

```
                                                         K  8
FILES                                                    15-Sep-1984 23:48:35     VAX-11 Bliss-32 V4.0-742                 Page  18
V04-000                                                  14-Sep-1984 12:27:27     DISK$VMSMASTER:[ERF.SRC]FILES.B32;1           (5)

                                                                          .PSECT  $CODE,NOWRT, PIC,2

                                           01FC 00000                     .ENTRY  PARSE_OUTPUT_FILES, Save R2,R3,R4,R5,R6,R7,-; 0727
                                                                                  R8                                           ;
                      58 00000000G  00    9E 00002                        MOVAB   SYS$CONNECT, R8                              ;
                      57 00000000G  00    9E 00009                        MOVAB   SYS$CREATE, R7                               ;
                      56 00000000G  00    9E 00010                        MOVAB   CLI$GET_VALUE, R6                            ;
                      55 00000000'  00    9E 00017                        MOVAB   P.AAC, R5                                    ;
                      54      FF59  CF    9E 0001E                        MOVAB   LOG_FILENAME, R4                             ;
                      53 00000000'  00    9E 00023                        MOVAB   OUTPUT_DESC, R3                              ;
                      52 00000000'  00    9E 0002A                        MOVAB   OUTPUT_FAB+52, R2                            ;
                      5E            08    C2 00031                        SUBL2   #8, SP                                       ;
                                    53    DD 00034                        PUSHL   R3                                           ; 0767
                                    55    DD 00036                        PUSHL   R5                                           ;
                      66            02    FB 00038                        CALLS   #2, CLI$GET_VALUE                            ;
                      1F            50    E9 0003B                        BLBC    R0, 1$                                       ;
                      62            63    90 0003E                        MOVB    OUTPUT_DESC, OUTPUT_FAB+52                   ; 0770
                 F8   A2        04  A3    D0 00041                        MOVL    OUTPUT_DESC+4, OUTPUT_FAB+44                 ; 0771
                                    54    DD 00046                        PUSHL   R4                                           ; 0775
                                CC  A2    9F 00048                        PUSHAB  OUTPUT_FAB                                   ;
                      67            02    FB 0004B                        CALLS   #2, SYS$CREATE                               ;
                      57            50    E9 0004E                        BLBC    STATUS, 4$                                   ;
                                    54    DD 00051                        PUSHL   R4                                           ; 0779
                                1C  A2    9F 00053                        PUSHAB  OUTPUT_RAB                                   ;
                      68            02    FB 00056                        CALLS   #2, SYS$CONNECT                              ;
                      1A            50    E8 00059                        BLBS    STATUS, 2$                                   ;
                                          04 0005C                        RET                                                  ;
                                    53    DD 0005D 1$:                    PUSHL   R3                                           ; 0784
                                10  A5    9F 0005F                        PUSHAB  P.AAE                                        ;
                      66            02    FB 00062                        CALLS   #2, CLI$GET_VALUE                            ;
                      62            63    90 00065                        MOVB    OUTPUT_DESC, OUTPUT_FAB+52                   ; 0786
                 F8   A2        04  A3    D0 00068                        MOVL    OUTPUT_DESC+4, OUTPUT_FAB+44                 ; 0787
                                    53    DD 0006D                        PUSHL   R3                                           ; 0789
          00000000G   00            01    FB 0006F                        CALLS   #1, OPEN_OUT_FILE                            ;
                                08  A3    9F 00076 2$:                    PUSHAB  REJECTED_DESC                                ; 0793
                                20  A5    9F 00079                        PUSHAB  P.AAG                                        ;
                      66            02    FB 0007C                        CALLS   #2, CLI$GET_VALUE                            ;
                      23            50    E9 0007F                        BLBC    R0, 3$                                       ;
               0094   C2        08  A3    90 00082                        MOVB    REJECTED_DESC, REJECTED_FAB+52               ; 0795
               008C   C2        0C  A3    D0 00088                        MOVL    REJECTED_DESC+4, REJECTED_FAB+44             ; 0796
                                    54    DD 0008E                        PUSHL   R4                                           ; 0799
                                60  A2    9F 00090                        PUSHAB  REJECTED_FAB                                 ;
                      67            02    FB 00093                        CALLS   #2, SYS$CREATE                               ;
                      0F            50    E9 00096                        BLBC    STATUS, 4$                                   ;
                                    54    DD 00099                        PUSHL   R4                                           ; 0803
                              00B0  C2    9F 0009B                        PUSHAB  REJECTED_RAB                                 ;
                      68            02    FB 0009F                        CALLS   #2, SYS$CONNECT                              ;
                      03            50    E9 000A2                        BLBC    STATUS, 4$                                   ;
                      50            01    D0 000A5 3$:                    MOVL    #1, R0                                       ; 0806
                                          04 000A8 4$:                    RET                                                  ; 0807

; Routine Size:  169 bytes,    Routine Base:  $CODE + 0085
;    398      0808  1 UNDECLARE WRITE_MSG;
;    399      0809  1
;    400      0810  1 Global routine WRITE_MSG (msg_desc, output_flag : ref vector) =
;    401      0811  1 !---
;    402      0812  1 !
;    403      0813  1 !         This routine writes a message to the output stream.
;    404      0814  1 !
;    405      0815  1 !  Inputs:
;    406      0816  1 !
;    407      0817  1 !         msg_desc = Address of descriptor for the message
;    408      0818  1 !      output_flag = Address of flag
;    409      0819  1 !
;    410      0820  1 !  Outputs:
;    411      0821  1 !
;    412      0822  1 !
;    413      0823  1 !---
;    414      0824  2 Begin
;    415      0825  2
;    416      0826  2 Local
;    417      0827  2         Rab_address : REF BLOCK[,BYTE];
;    418      0828  2
;    419      0829  2 Map
;    420      0830  2         Msg_desc : REF BLOCK[,BYTE];
;    421      0831  2
;    422      0832  2 If .Lstlun_rab_address NEQ 0 then
;    423      0833  3    Begin
;    424      0834  3    Lstlun_rab_address[rab$l_rbf] = .msg_desc[dsc$a_pointer];
;    425      0835  3    Lstlun_rab_address[rab$w_rsz] = .msg_desc[dsc$w_length];
;    426      0836  3    Rab_address = .lstlun_rab_address;
;    427      0837  3    End
;    428      0838  2 else
;    429      0839  3    Begin
;    430      0840  3    If .output_flag EQLU 1 then return true;
;    431      0841  3    Sys$output_rab_address[rab$l_rbf] = .msg_desc[dsc$a_pointer];
;    432      0842  3    Sys$output_rab_address[rab$w_rsz] = .msg_desc[dsc$w_length];
;    433      0843  3    Rab_address = .sys$output_rab_address;
;    434      0844  3    End;
;    435      0845  2
;    436      0846  2 Rab_address[rab$l_ctx] = msg$_writeerr;
;    437      0847  2 CALL_FUNCTION ($put (rab = .rab_address, err = log_filename));
;    438      0848  2
;    439      0849  2 Return true;
;    440      0850  1 End;


                                                            .EXTRN  SYS$PUT

                                  0000 00000                .ENTRY  WRITE_MSG, Save nothing                      ; 0810
                   51      04   AC   D0 00002               MOVL    MSG_DESC, R1                                 ; 0834
                   50 00000000G 00   D0 00006               MOVL    LSTLUN_RAB_ADDRESS, R0                       ; 0832
                                0D   12 0000D               BNEQ    1$
                   01      08   AC   D1 0000F               CMPL    OUTPUT_FLAG, #1                              ; 0840
                                2C   13 00013               BEQL    2$
                   50 00000000G 00   D0 00015               MOVL    SYS$OUTPUT_RAB_ADDRESS, R0                   ; 0841
              28   A0      04   A1   D0 0001C  1$:          MOVL    4(R1), 40(R0)
              22   A0      04   BC   B0 00021               MOVW    @MSG_DESC, 34(R0)                            ; 0842
```

```
                             51        50 D0 00026           MOVL    R0, RAB_ADDRESS                                ; 0843
                    18  A1 000810D2    8F D0 00029           MOVL    #528594, 24(RAB_ADDRESS)                        ; 0846
                               FE9D    CF 9F 00031           PUSHAB  LOG_FILENAME                                    ; 0847
                                       51 DD 00035           PUSHL   RAB_ADDRESS
                   00000000G 00        02 FB 00037           CALLS   #2, SYS$PUT
                             03        50 E9 0003E           BLBC    STATUS, 3$
                             50        01 D0 00041  2$:      MOVL    #1, R0                                          ; 0849
                                          04 00044  3$:      RET                                                     ; 0850

; Routine Size:  69 bytes,    Routine Base:  $CODE + 012E
;  442          0851  1 END
;  443          0852  0 ELUDOM


                                                          .EXTRN  LIB$SIGNAL

;                           PSECT SUMMARY

;     Name                       Bytes                  Attributes

;  $OWN$                             1816  NOVEC,  WRT,  RD ,NOEXE,NOSHR,  LCL,  REL,  CON,  PIC,ALIGN(2)
;  $GLOBAL$                           876  NOVEC,  WRT,  RD ,NOEXE,NOSHR,  LCL,  REL,  CON,  PIC,ALIGN(2)
;  $PLIT                               64  NOVEC,NOWRT,  RD ,NOEXE,NOSHR,  LCL,  REL,  CON,  PIC,ALIGN(2)
;  $CODE                              371  NOVEC,NOWRT,  RD ,  EXE,NOSHR,  LCL,  REL,  CON,  PIC,ALIGN(2)


;                        Library Statistics

;                                        -------- Symbols --------      Pages      Processing
;     File                               Total    Loaded   Percent      Mapped     Time

;  _$255$DUA28:[SYSLIB]LIB.L32;1         18619       84         0       1000         00:01.9



;                             COMMAND QUALIFIERS

;     BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/LIS=LIS$:FILES/OBJ=OBJ$:FILES MSRC$:FILES/UPDATE=(ENH$:FILES)

; Size:          371 code + 2756 data bytes
; Run Time:         00:20.9
; Elapsed Time:     00:40.8
; Lines/CPU Min:     2447
; Lexemes/CPU-Min: 40713
; Memory Used:  164 pages
; Compilation Complete
```

0149 AH-BT13A-SE
VAX/VMS V4.0

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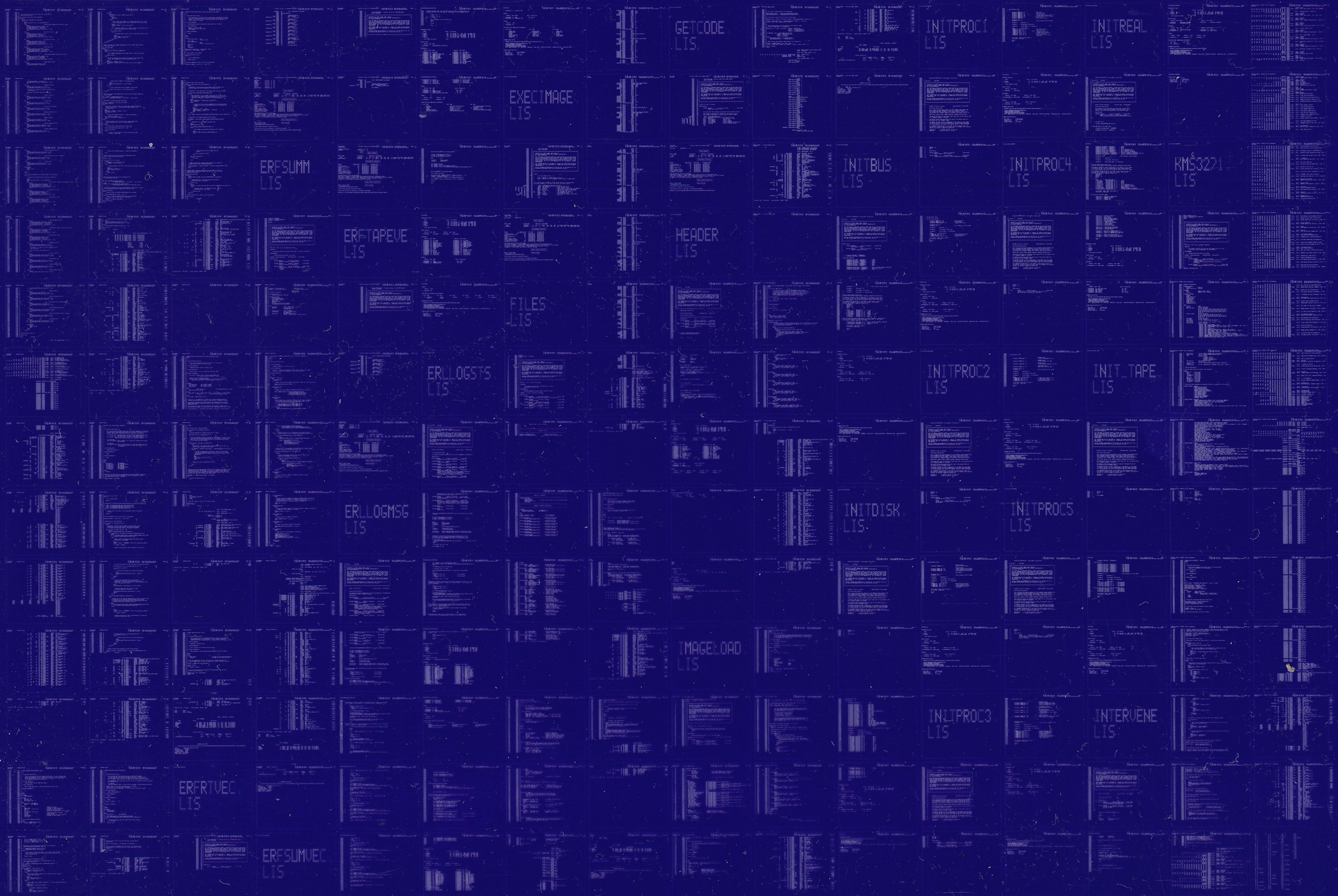

GETCODE LIS

INITPROC1 LIS

INITREAL LIS

EXECIMAGE LIS

ERFSUMM LIS

INITBUS LIS

INITPROC4 LIS

KMS3271 LIS

ERFTAPEVE LIS

HEADER LIS

FILES LIS

ERLLOGSTS LIS

INITPROC2 LIS

INIT_TAPE LIS

ERLLOGMSG LIS

INITDISK LIS

INITPROC5 LIS

IMAGELOAD LIS

INITPROC3 LIS

INTERVENE LIS

ERFRTVEC LIS

ERFSUMVEC LIS